

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\  
 Data File : BF119654.D  
 Acq On : 31 Mar 2020 16:20  
 Operator : MA/SJ  
 Sample : L2042-03  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-03-5.5-6.0

Quant Time: Mar 31 16:53:51 2020  
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M  
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
 QLast Update : Tue Mar 31 14:11:44 2020  
 Response via : Initial Calibration

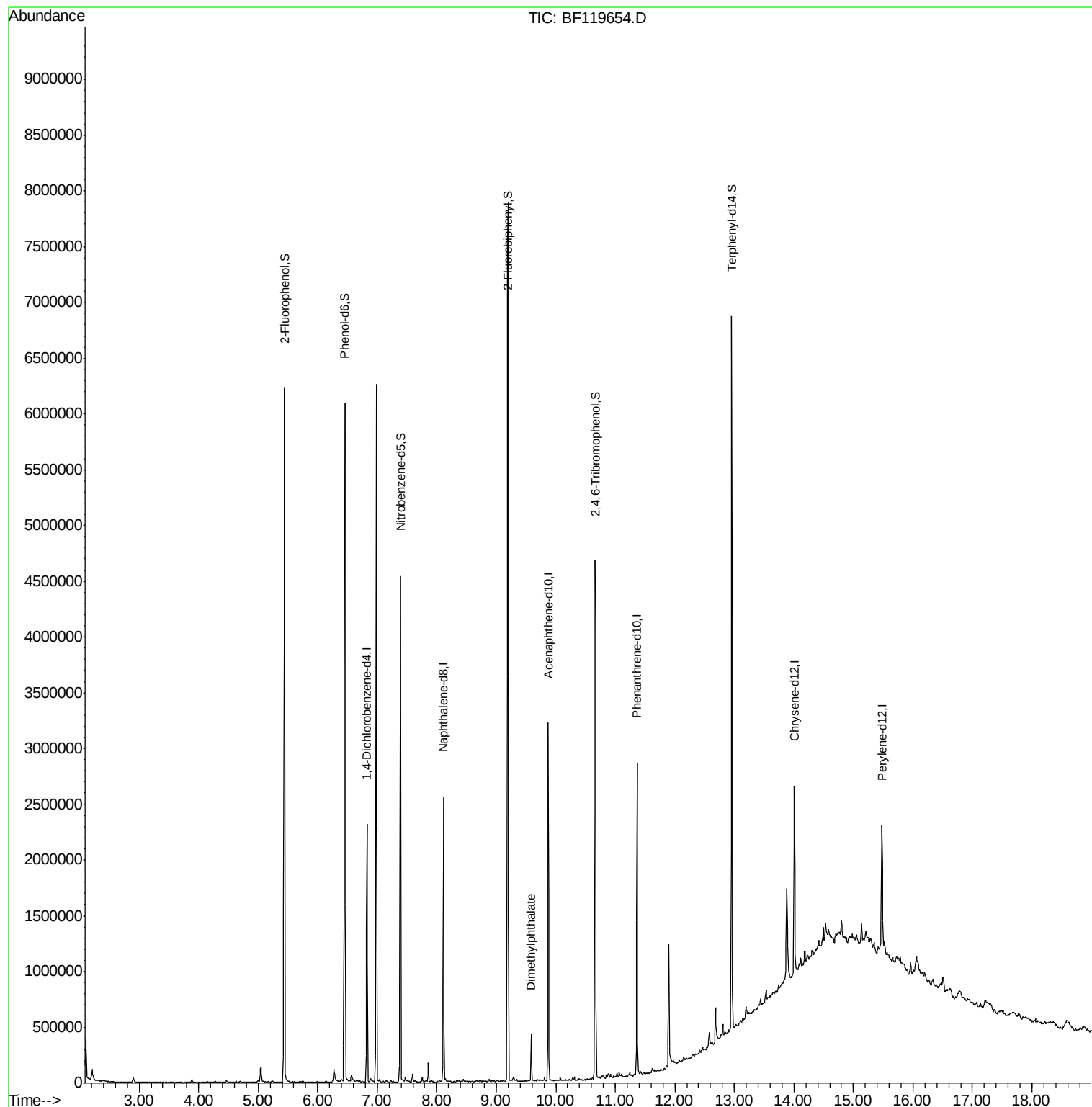
| Internal Standards          | R.T.  | QIon | Response | Conc  | Units | Dev(Min)      |
|-----------------------------|-------|------|----------|-------|-------|---------------|
| 1) 1,4-Dichlorobenzene-d4   | 6.83  | 152  | 313203   | 20.00 | ng    | 0.00          |
| 21) Naphthalene-d8          | 8.12  | 136  | 1179850  | 20.00 | ng    | 0.00          |
| 39) Acenaphthene-d10        | 9.87  | 164  | 581246   | 20.00 | ng    | 0.00          |
| 64) Phenanthrene-d10        | 11.36 | 188  | 969122   | 20.00 | ng    | 0.00          |
| 76) Chrysene-d12            | 14.01 | 240  | 559989   | 20.00 | ng    | 0.00          |
| 87) Perylene-d12            | 15.48 | 264  | 549548   | 20.00 | ng    | 0.00          |
| System Monitoring Compounds |       |      |          |       |       |               |
| 5) 2-Fluorophenol           | 5.44  | 112  | 1818144  | 92.41 | ng    | 0.00          |
| 7) Phenol-d6                | 6.46  | 99   | 2291089  | 91.16 | ng    | 0.00          |
| 23) Nitrobenzene-d5         | 7.39  | 82   | 1434545  | 66.08 | ng    | 0.00          |
| 42) 2,4,6-Tribromophenol    | 10.67 | 330  | 590496   | 98.47 | ng    | 0.00          |
| 45) 2-Fluorobiphenyl        | 9.20  | 172  | 2602032  | 66.32 | ng    | 0.00          |
| 79) Terphenyl-d14           | 12.96 | 244  | 2334662  | 81.68 | ng    | 0.00          |
| Target Compounds            |       |      |          |       |       |               |
| 50) Dimethylphthalate       | 9.59  | 163  | 138573   | 3.356 | ng    | Qvalue<br>100 |

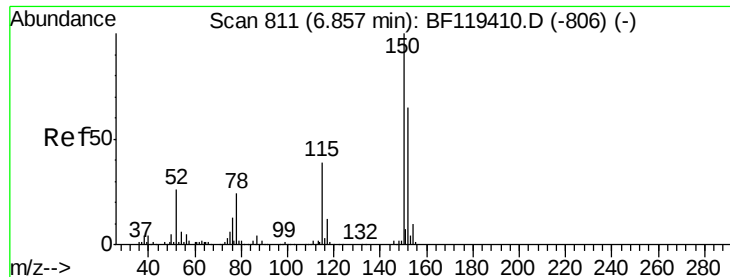
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF033120\  
Data File : BF119654.D  
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Sample : L2042-03  
Misc :  
ALS Vial : 8 Sample Multiplier: 1

Instrument :  
BNA\_F  
ClientSampleId :  
SB-03-5.5-6.0

Quant Time: Mar 31 16:53:51 2020  
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M  
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION  
QLast Update : Tue Mar 31 14:11:44 2020  
Response via : Initial Calibration



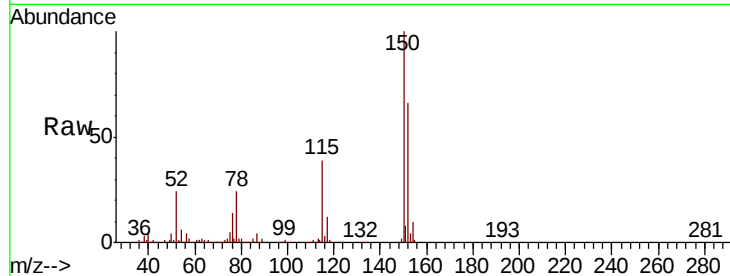


#1

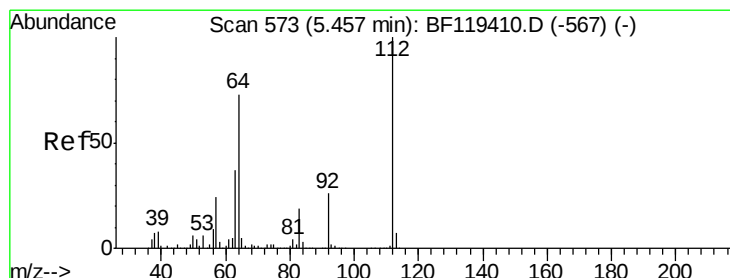
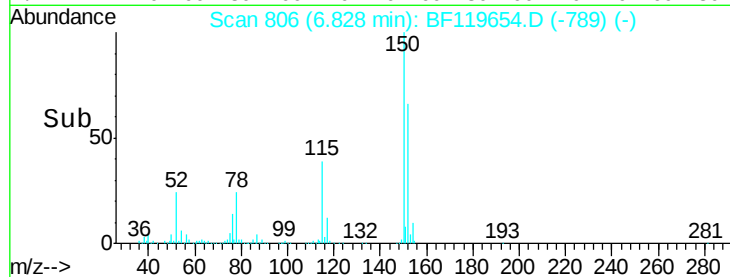
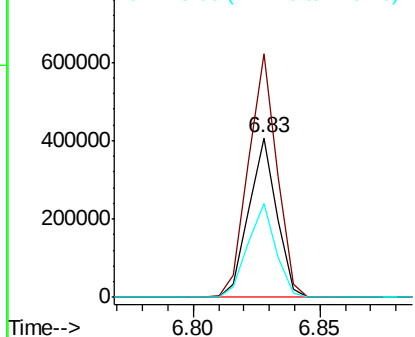
1,4-Dichlorobenzene-d4  
Concen: 20.000 ng  
RT: 6.83 min Scan# 806  
Delta R.T. -0.00 min  
Lab File: BF119654.D  
Acq: 31 Mar 2020 16:20

Instrument :  
BNA\_F  
ClientSampleId :  
SB-03-5.5-6.0

Tot Ion:152 Resp: 313203  
Ion Ratio Lower Upper  
152 100  
150 152.5 124.5 186.7  
115 58.7 49.6 74.4



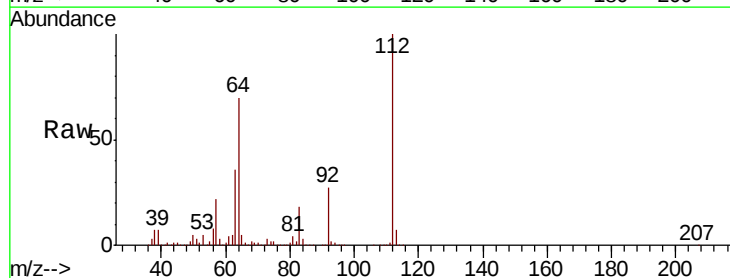
Abundance Ion 152.00 (151.70 to 152.70): E  
Ion 150.00 (149.70 to 150.70): E  
Ion 115.00 (114.70 to 115.70): E



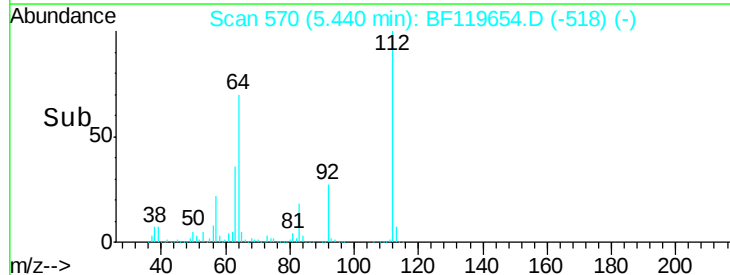
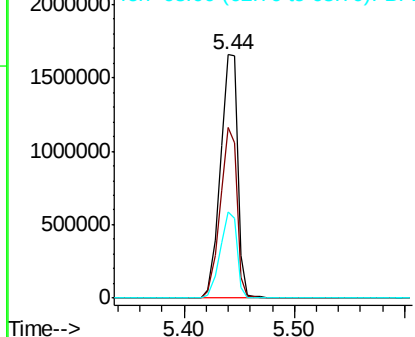
#5

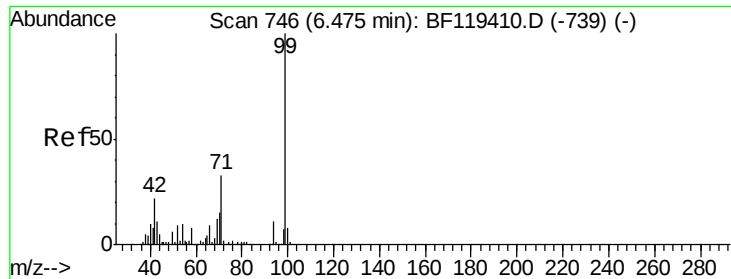
2-Fluorophenol  
Concen: 92.410 ng  
RT: 5.44 min Scan# 570  
Delta R.T. 0.01 min  
Lab File: BF119654.D  
Acq: 31 Mar 2020 16:20

Tgt Ion:112 Resp: 1818144  
Ion Ratio Lower Upper  
112 100  
64 70.1 56.7 85.1  
63 35.5 29.5 44.3



Abundance Ion 112.00 (111.70 to 112.70): E  
Ion 64.00 (63.70 to 64.70): BF1  
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 91.158 ng

RT: 6.46 min Scan# 743

Delta R.T. -0.00 min

Lab File: BF119654.D

Acq: 31 Mar 2020 16:20

Instrument :

BNA\_F

ClientSampled :

SB-03-5.5-6.0

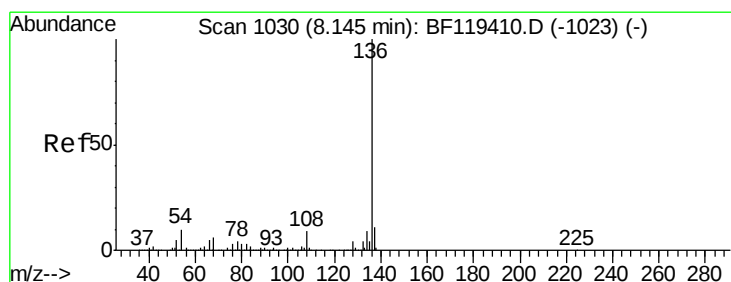
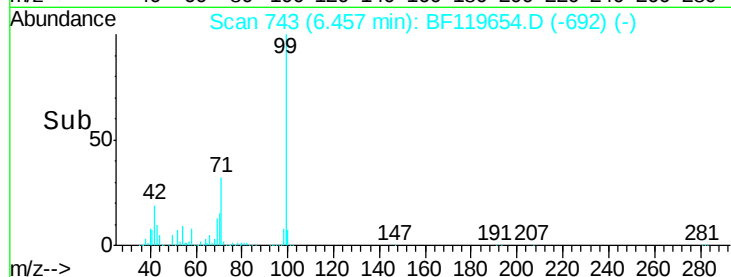
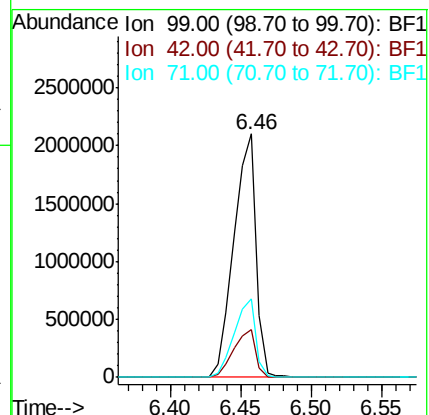
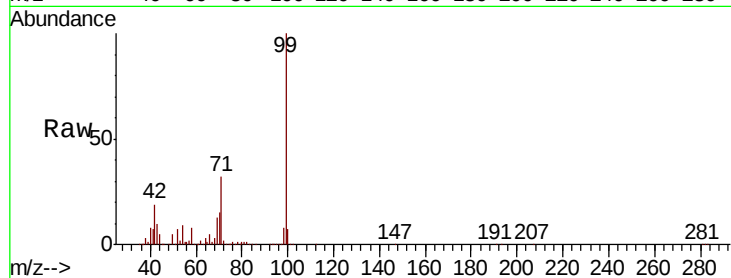
Tot Ion: 99 Resp: 2291089

Ion Ratio Lower Upper

99 100

42 19.5 16.6 24.8

71 32.1 26.4 39.6



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BF119654.D

Acq: 31 Mar 2020 16:20

Tgt Ion: 136 Resp: 1179850

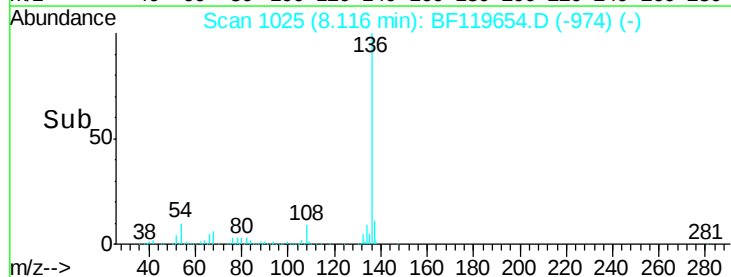
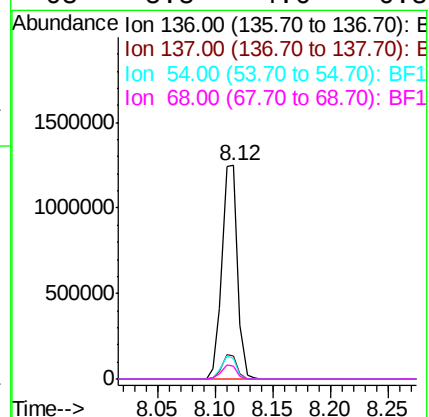
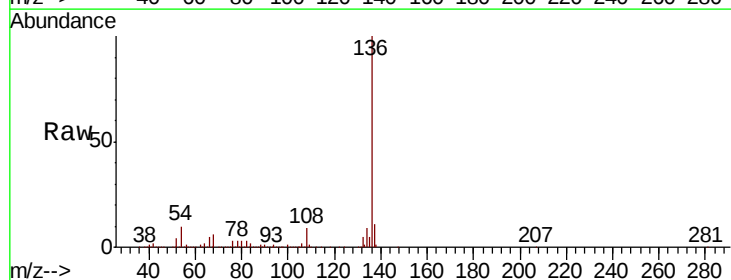
Ion Ratio Lower Upper

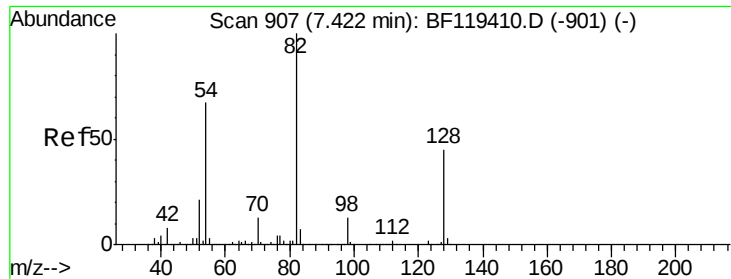
136 100

137 10.8 8.7 13.1

54 9.7 9.1 13.7

68 5.8 4.6 6.8

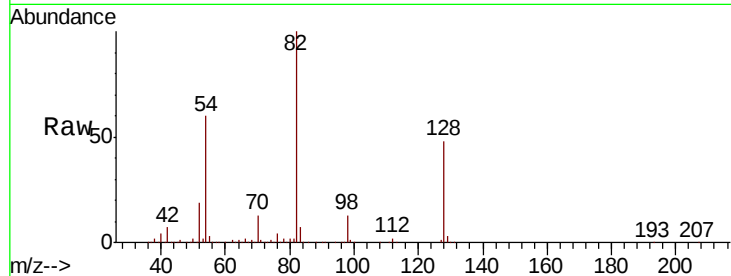




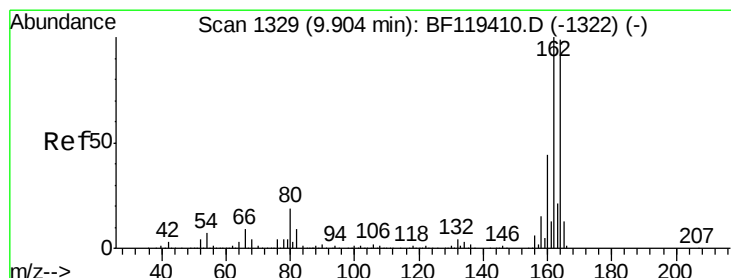
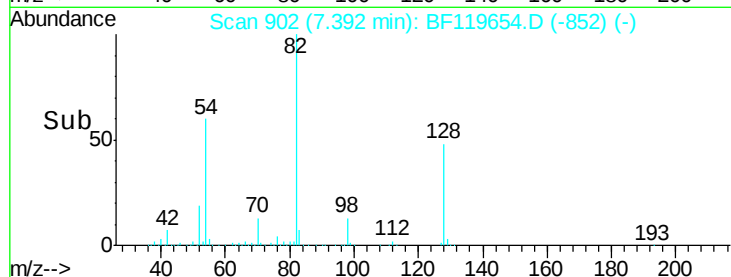
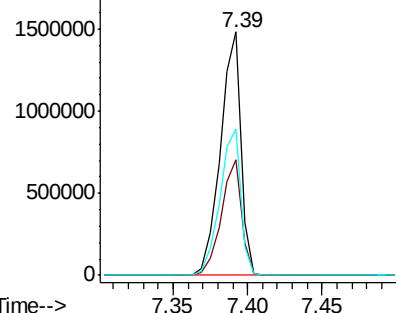
#23  
Nitrobenzene-d5  
Concen: 66.080 ng  
RT: 7.39 min Scan# 902  
Delta R.T. -0.01 min  
Lab File: BF119654.D  
Acq: 31 Mar 2020 16:20

Instrument :  
BNA\_F  
ClientSampleId :  
SB-03-5.5-6.0

Tot Ion: 82 Resp: 1434545  
Ion Ratio Lower Upper  
82 100  
128 47.6 36.3 54.5  
54 60.0 50.6 75.8

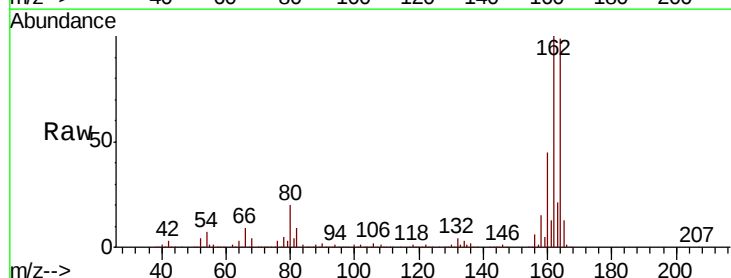


Abundance Ion 82.00 (81.70 to 82.70): BF1  
2000000 Ion 128.00 (127.70 to 128.70): BF1  
Ion 54.00 (53.70 to 54.70): BF1

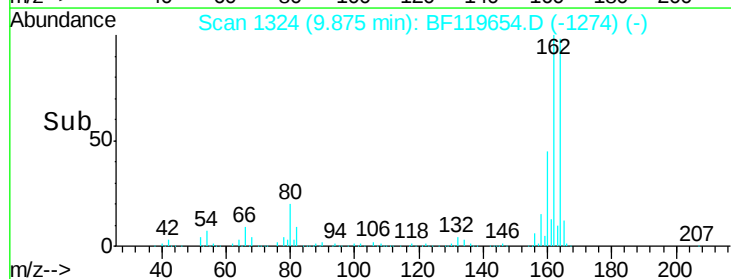
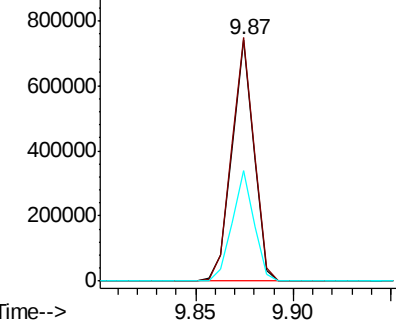


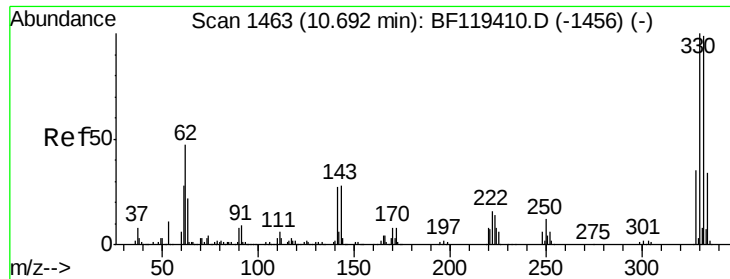
#39  
Acenaphthene-d10  
Concen: 20.000 ng  
RT: 9.87 min Scan# 1324  
Delta R.T. -0.01 min  
Lab File: BF119654.D  
Acq: 31 Mar 2020 16:20

Tgt Ion:164 Resp: 581246  
Ion Ratio Lower Upper  
164 100  
162 100.8 80.6 121.0  
160 45.7 35.7 53.5



Abundance Ion 164.00 (163.70 to 164.70): BF1  
1000000 Ion 162.00 (161.70 to 162.70): BF1  
Ion 160.00 (159.70 to 160.70): BF1

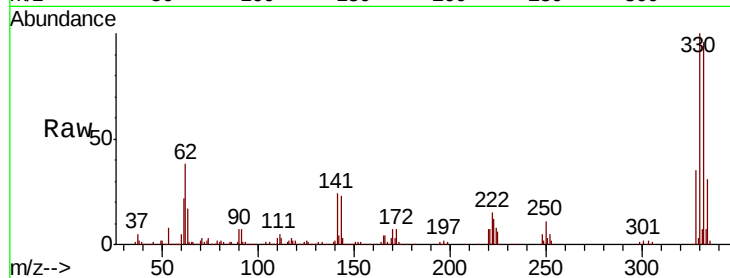




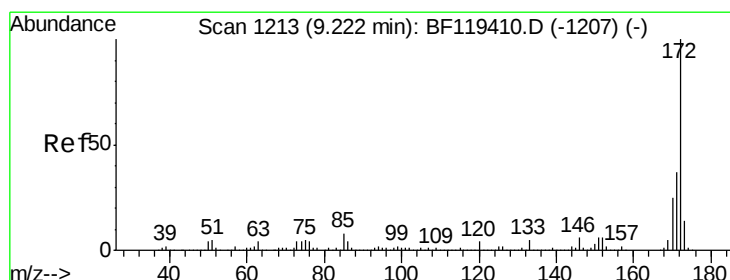
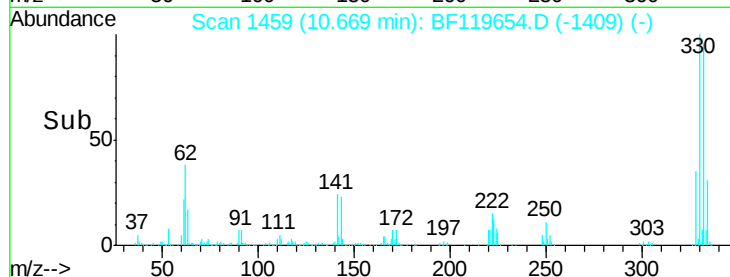
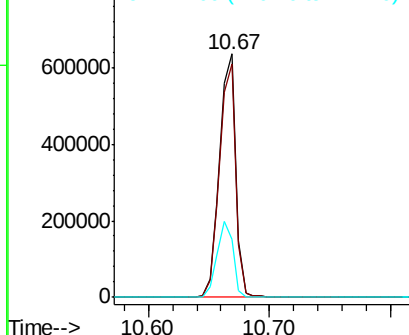
#42  
 2,4,6-Tribromophenol  
 Concen: 98.473 ng  
 RT: 10.67 min Scan# 1459  
 Delta R.T. -0.01 min  
 Lab File: BF119654.D  
 Acq: 31 Mar 2020 16:20

Instrument :  
 BNA\_F  
 ClientSampleId :  
 SB-03-5.5-6.0

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 330     | 100   |       |       |
| 332     | 96.1  | 75.7  | 113.5 |
| 141     | 30.8  | 25.4  | 38.0  |

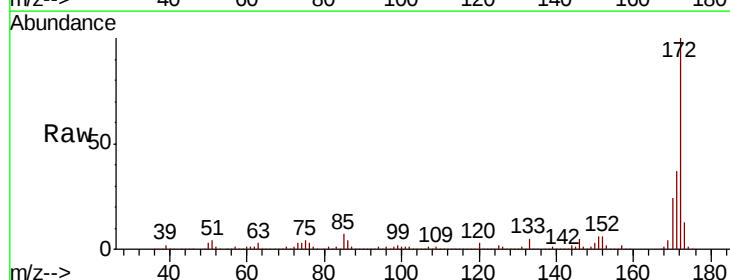


Abundance Ion 329.80 (329.50 to 330.50): E  
 Ion 331.80 (331.50 to 332.50): E  
 Ion 141.00 (140.70 to 141.70): E

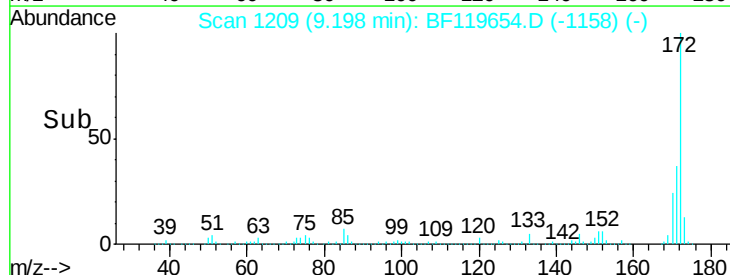
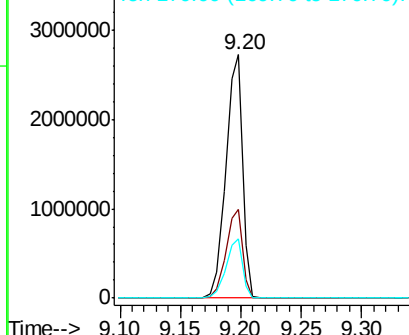


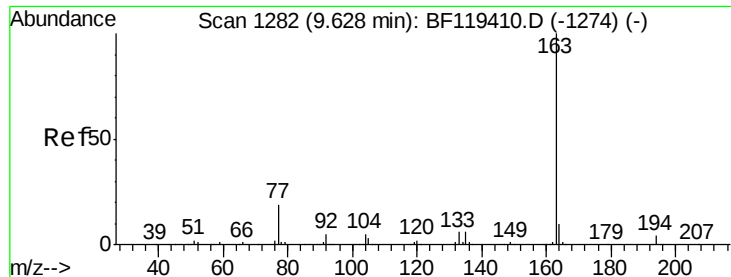
#45  
 2-Fluorobiphenyl  
 Concen: 66.320 ng  
 RT: 9.20 min Scan# 1209  
 Delta R.T. -0.00 min  
 Lab File: BF119654.D  
 Acq: 31 Mar 2020 16:20

| Tgt Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 172     | 100   |       |       |
| 171     | 36.5  | 29.6  | 44.4  |
| 170     | 24.4  | 20.2  | 30.2  |



Abundance Ion 172.00 (171.70 to 172.70): E  
 Ion 171.00 (170.70 to 171.70): E  
 Ion 170.00 (169.70 to 170.70): E

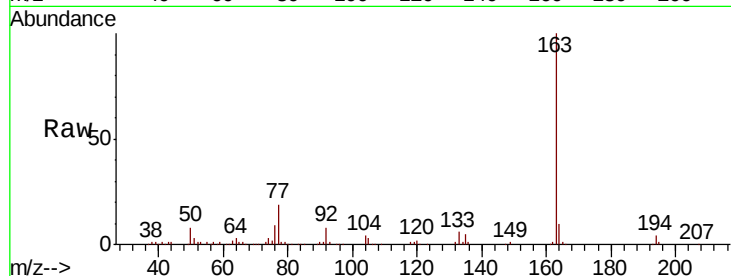




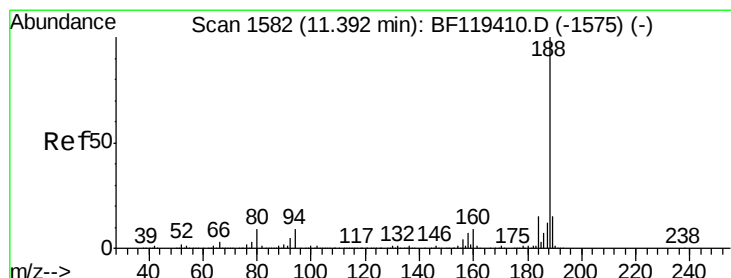
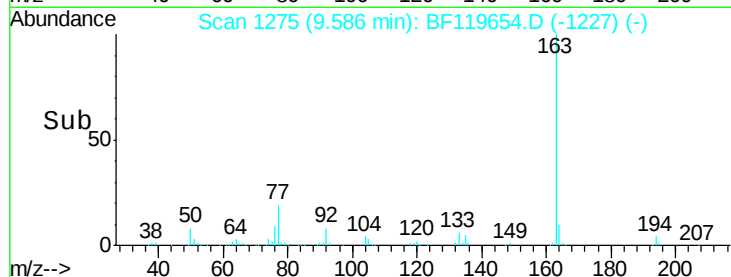
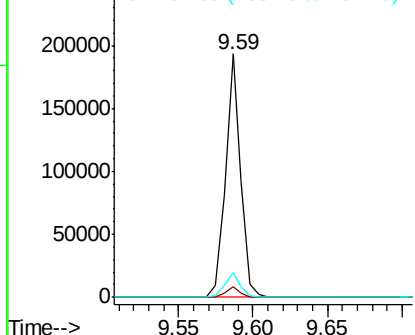
#50  
Dimethylphthalate  
Concen: 3.356 ng  
RT: 9.59 min Scan# 1275  
Delta R.T. -0.02 min  
Lab File: BF119654.D  
Acq: 31 Mar 2020 16:20

Instrument :  
BNA\_F  
ClientSampleId :  
SB-03-5.5-6.0

Tot Ion:163 Resp: 138573  
Ion Ratio Lower Upper  
163 100  
194 4.2 3.1 4.7  
164 10.2 8.2 12.2

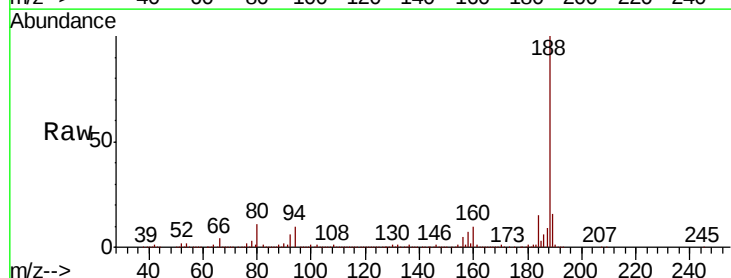


Abundance Ion 163.00 (162.70 to 163.70): E  
Ion 194.00 (193.70 to 194.70): E  
Ion 164.00 (163.70 to 164.70): E

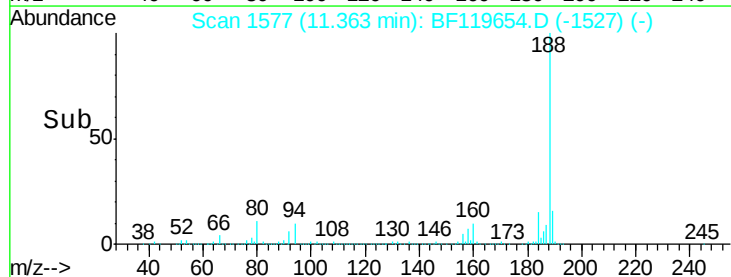
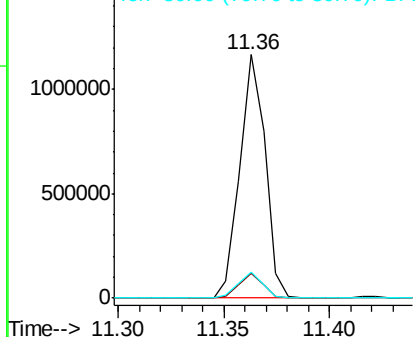


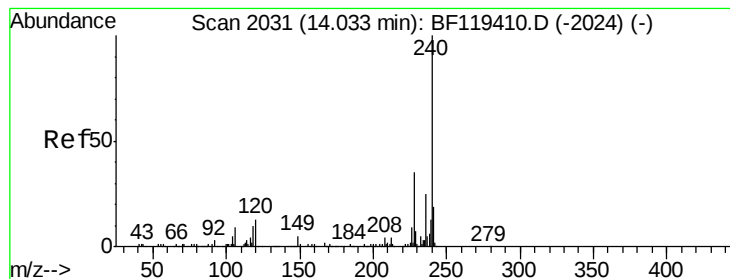
#64  
Phenanthrene-d10  
Concen: 20.000 ng  
RT: 11.36 min Scan# 1577  
Delta R.T. -0.01 min  
Lab File: BF119654.D  
Acq: 31 Mar 2020 16:20

Tgt Ion:188 Resp: 969122  
Ion Ratio Lower Upper  
188 100  
94 10.2 7.5 11.3  
80 10.5 9.0 13.4



Abundance Ion 188.00 (187.70 to 188.70): E  
Ion 94.00 (93.70 to 94.70): BF1  
Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF119654.D

Acq: 31 Mar 2020 16:20

Instrument :

BNA\_F

ClientSampleId :

SB-03-5.5-6.0

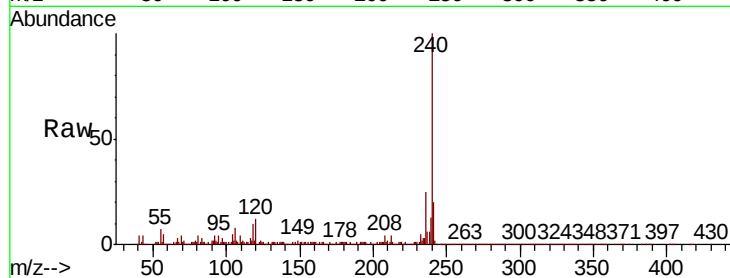
Tot Ion:240 Resp: 559989

Ion Ratio Lower Upper

240 100

120 12.1 10.6 15.8

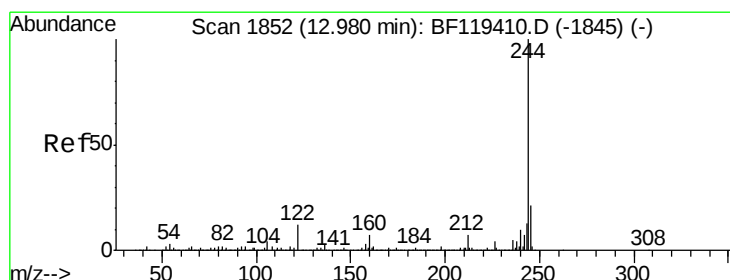
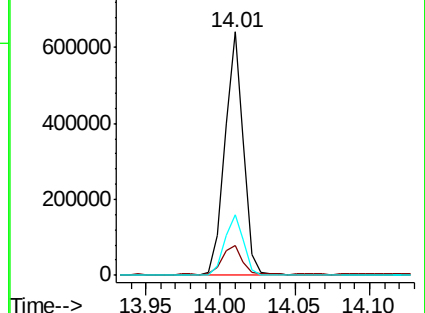
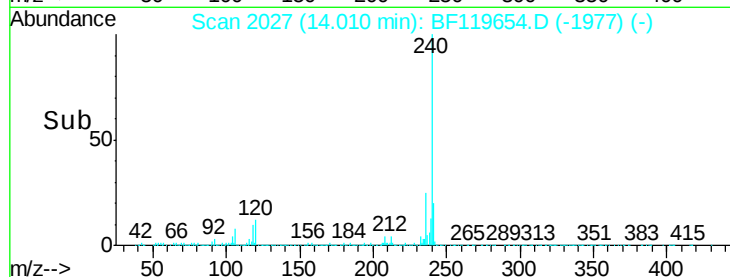
236 25.0 20.2 30.2



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 81.682 ng

RT: 12.96 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BF119654.D

Acq: 31 Mar 2020 16:20

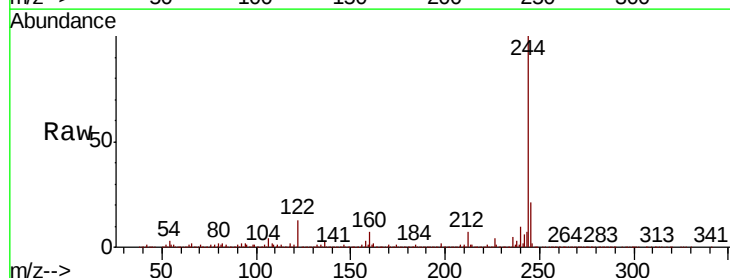
Tgt Ion:244 Resp: 2334662

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

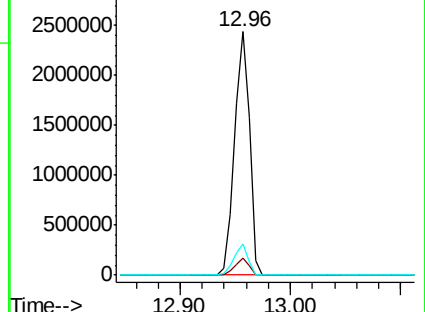
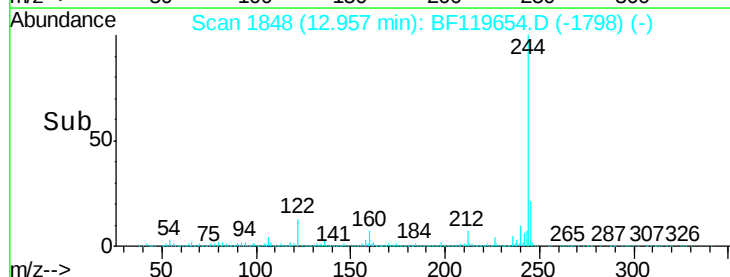
122 12.7 10.3 15.5

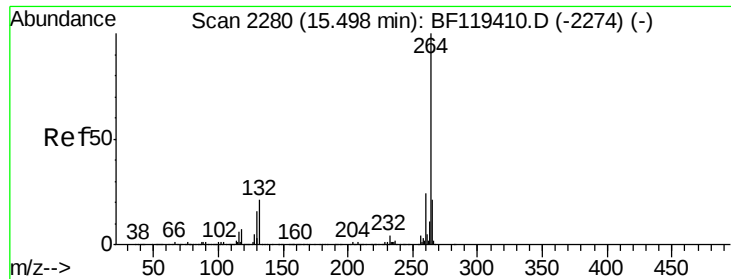


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

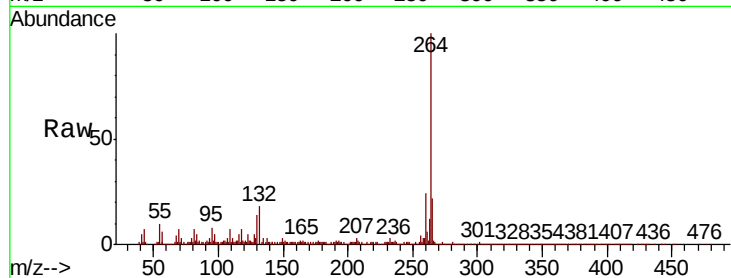




#87  
Pervlene-d12  
Concen: 20.000 ng  
RT: 15.48 min Scan# 2277  
Delta R.T. -0.00 min  
Lab File: BF119654.D  
Acq: 31 Mar 2020 16:20

Instrument :  
BNA\_F  
ClientSampleId :  
SB-03-5.5-6.0

| Tot Ion | Ratio | Lower | Upper |
|---------|-------|-------|-------|
| 264     | 100   |       |       |
| 260     | 24.2  | 18.7  | 28.1  |
| 265     | 21.9  | 17.7  | 26.5  |



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

